

Converting Colors

YIQ(135.6960, 14.9950,
-12.9490)

Have a look what the booklet for
YIQ(135.6960, 14.9950, -12.9490)
contains.

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Color

**YIQ(135.6960, 14.9950,
-12.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8C61
RGB	142, 140, 97
RGB Percent	56%, 55%, 38%
CMY	0.4432, 0.4510, 0.6195
CMYK	0.00, 0.01, 0.32, 0.44
HSL	57°, 19%, 47%
HSV	57°, 32%, 56%
XYZ	22.6911, 25.3697, 15.0159
YIQ	135.6960, 14.9950, -12.9490

Conversions

Conversions Part 2

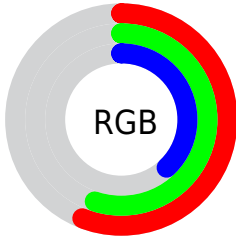
Format	Color
RYB	99, 142, 97
Decimal	9342049
CIELab	57.43, -6.35, 23.28
CIELCh	57, 24.130, 105.254
Yxy	25.3697, 0.3597, 0.4022
Android (android.graphics.Color)	4287532129 (0xFF8E8C61)
YUV	135.6960, -19.0771, 5.5286
Hunter-Lab	50.3683, -7.7298, 17.5821

Details

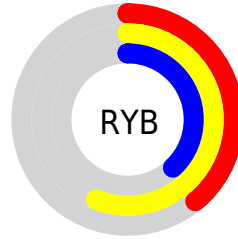
The YIQ color $135.6960, 14.9950, -12.9490$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $103.3040, -14.9950, 12.9490$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $188.7670, 16.2330, -13.3590$, and $85.7390, 13.4360, -12.2280$ is the 20% darker color. If you saturate the color by 10%, you get $133.5130, 19.7640, -16.7800$, and if you desaturate by 10%, it is $137.8790, 10.2260, -9.1180$.

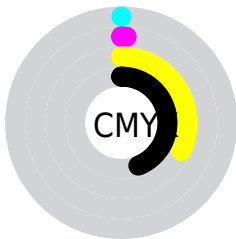
Distribution



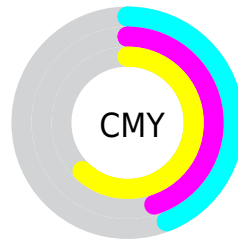
- Red (56%)
- Green (55%)
- Blue (38%)



- Red (39%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (32%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.6960, 14.9950, -12.9490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 135.6960, 14.9950, -12.9490 by changing the saturation by 10% instead.


 135.6960, 14.9950,
-12.9490


 135.6960, 14.9950,
-12.9490

255.0000, -0.0000,
-0.0000

 110.5110, 14.0780,
-12.8500


 188.7670, 16.2330,
-13.3590

 85.7390, 13.4360,
-12.2280


 216.6530, 16.5540,
-13.6700


 62.5540, 12.5190,
-12.1290

 245.4250, 17.1960,
-14.2920

 40.0270, 12.5650,
-12.9630

 252.2640, 7.7040,
-7.4640

 20.3670, 5.9160,
-8.1000

 0.0000, 0.0000,
0.0000

■ 135.6960, 14.9950,
-12.9490

■ 135.6960, 14.9950,
-12.9490

■ 133.5130, 19.7640,
-16.7800

■ 137.8790, 10.2260,
-9.1180

■ 131.9170, 24.2580,
-21.1340

■ 139.4750, 5.7320,
-4.7640

■ 129.6200, 29.3480,
-25.2760

■ 141.7720, 0.6420,
-0.6220

■ 127.4370, 34.1170,
-29.1070

■ 143.9550, -4.1270,
3.2090

■ 125.8410, 38.6110,
-33.4610

■ 145.5510, -8.6210,
7.5630

■ 123.6580, 43.3800,
-37.2920

■ 147.7340,
-13.3900, 11.3940

■ 122.2900, 47.2320,
-41.0240

■ 149.3300,
-17.8840, 15.7480

■ 151.6270,

-22.9740, 19.8900

■ 153.8100,
-27.7430, 23.7210

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137.6810, 28.5190, -4.7370



135.6960, 14.9950, -12.9490



133.2960, -4.4900, -17.7540

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



135.6960, 14.9950, -12.9490



128.3390, -49.6070, -9.5670



141.5010, 21.1790, 18.1630

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



135.6960, 14.9950, -12.9490



103.3040, -14.9950, 12.9490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



140.9210, 2.3810, 17.4290



135.6960, 14.9950, -12.9490



132.9370, -39.2470, 0.9210

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



135.6960, 14.9950, -12.9490



127.6460, -43.4620, -16.3100



138.0970, -18.8460, 11.1540



140.6130, 32.3670, 13.6390

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135.6960, 14.9950, -12.9490



131.0540, -18.4280, -18.4600



138.0970, -18.8460, 11.1540



141.3910, 15.6770, 18.7570

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



135.6960, 14.9950, -12.9490



181.2470, 6.3740, -5.3860



110.6830, 26.1780, 10.1620



90.1590, 3.8060, -2.8980



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.6960, 14.9950, -12.9490



174.2590, 23.2950, -20.2010



130.8900, 2.5250, -18.2350



70.2020, 2.2470, -2.1770



116.0880, 44.9850, -38.8470



6.5010, 2.8430, -1.9650

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



103.3040, -14.9950, 12.9490



123.7410, -23.2950, 20.2010



108.1100, -2.5250, 18.2350



65.3850, -2.5220, 1.6540



18.9120, -44.9850, 38.8470



0.9120, -2.5680, 2.4880

Previews

White Background



This preview shows how the YIQ color 135.6960, 14.9950, -12.9490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 135.6960, 14.9950, -12.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

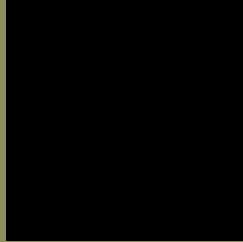
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.6960, 14.9950, -12.9490

Background



This preview shows how black text looks on a background with the YIQ color 135.6960, 14.9950, -12.9490.



This preview shows how white text looks on a background with the YIQ color 135.6960, 14.9950,

-12.9490.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

135.6960, 14.9950, -12.9490

Protanopia

136.5010, 20.0380, -10.7300

Deuteranopia

137.8060, 29.6650, -3.4790



Tritanopia

139.3260, 5.1340, 6.0780

Trichromacy



Original Color

135.6960, 14.9950, -12.9490

Protanomaly

136.1910, 17.9750, -11.8890

Deuteranomaly

137.0610, 24.3930, -7.0550

Tritanomaly

137.9640, 8.8490, -0.6790

Monochromacy



Original Color

135.6960, 14.9950, -12.9490

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.5890, 5.4110, -4.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6960, 14.9950, -12.9490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(142, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(142, 140, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(142, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 140, 97) }
```

Border

The CSS property to change the border of an element to YIQ 135.6960, 14.9950, -12.9490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 140, 97) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(142, 140, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(142, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(142, 140,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6960, 14.9950, -12.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 140, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(142,  
140, 97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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